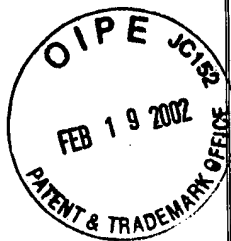


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Schena, Mark A.
 Assignee: TeleChem International Inc.
 Title: Microarray Method Of Genotyping Multiple Samples At Multiple Loci
 Serial No.: 09/613,006 Filing Date: July 10, 2000
 Examiner: Forman, B. Group Art Unit: 1655
 Docket No.: M-9216 US

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February 19, 2002

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 Washington, D. C. 20231

AMENDMENT

Dear Sir:

Applicant requests entry of the following amendment, which responds to the September 19, 2001 Final Office Action. This amendment is being filed with a Request for Continued Examination. This amendment is also being filed with a Declaration Pursuant to Rule 132 (which will be cited hereinafter as "Decl.") by Linda C. Foster to be considered in support of Applicant's remarks.

IN THE CLAIMS

The following is a clean version of the entire set of pending claims. The present submission adds new Claim 27. In accordance with 37 CFR §1.121(c)(1)(ii), new Claim 27 is included in Appendix A attached below.

1. A method of simultaneously genotyping multiple samples, the method comprising:

amplifying a plurality of genomic segments from a plurality of samples using a plurality of polymerase chain reaction primers, each genomic segment comprising a distinct genetic locus;

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